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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/083,169	02/26/2002	Petri Hyypa	NOKI14-00021	5147

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EXAMINER

IQBAL, KHAWAR

ART UNIT	PAPER NUMBER
2686	

DATE MAILED: 08/09/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/083,169

Applicant(s)

HYYPPA ET AL.

Examiner

Khawar Iqbal

Art Unit

2686

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-29 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6.3.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 1-16,18-29 are rejected under 35 U.S.C. 102(e) as being unpatentable by Stadelmann (6415156).

3. Regarding claim 1 Stadelmann teaches a method of accomplishing a transaction by user equipment, the method comprising (fig. 1):

insertion of transaction information in at least one data field of an information entity associated with the transaction based on information available at the user equipment (col. 3, lines 20-40, col. 2, lines 50-67); and transmitting the information entity from the user equipment over a wireless interface (col. 3, lines 20-40).

Regarding claim 2 Stadelmann teaches comprising step of authorizing said insertion of transaction information (col. 3, lines 20-40).

Regarding claim 3 Stadelmann teaches wherein the authorization is based on unique identity code associated with the user equipment (col. 3, lines 20-40).

Regarding claim 4 Stadelmann teaches wherein the authorization is based on one of the following means: personal identity number (PIN); Subscriber Identity Module (SIM); Number Assignment Module (NAM); Wireless Application Protocol (WAP) Identity Module (WIM); a unique product code of the user equipment; an international mobile subscriber identity (IMSI) code (col. 3, lines 20-40).

Regarding claim 5 Stadelmann teaches wherein the authorisation is accomplished at the user equipment (col. 3, lines 20-40).

Regarding claim 6 Stadelmann teaches wherein the authorisation is accomplished by a service provider (col. 3, lines 20-40).

Regarding claim 7 Stadelmann teaches wherein the user information insertion occurs automatically in response to a predefined event (col. 3, lines 20-40).

Regarding claim 8 Stadelmann teaches wherein the event comprises reception of the information entity (col. 3, lines 20-40).

Regarding claim 9 Stadelmann teaches wherein at least part of the transaction information to be inserted in the information entity is obtained from a storage means provided at the user equipment (col. 3, lines 20-40).

Regarding claim 10 Stadelmann teaches wherein at least part of the transaction information to be inserted in the information entity is obtained from another information entity available for the user equipment (col. 3, lines 20-40).

Regarding claim 11 Stadelmann teaches wherein the user gives a confirmation before said step of inserting information in the information entity (col. 3, lines 20-40).

Regarding claim 12 Stadelmann teaches wherein the information is inserted by transaction processing means of the user equipment (col. 3, lines 20-40).

Regarding claim 13 Stadelmann teaches wherein the user equipment inserts information in a data field of the information entity in a predefined manner (col. 3, lines 20-40).

Regarding claim 14 Stadelmann teaches wherein the information entity is filled in accordance with predefined instructions (col. 3, lines 20-40).

Regarding claim 15 Stadelmann teaches wherein the instructions define the information that is to be inserted in the information entity in response to an event (col. 3, lines 20-40).

Regarding claim 16 Stadelmann teaches wherein said information entity is transported by means of a standardized data entity (col. 3, lines 20-40).

Regarding claim 18 Stadelmann teaches wherein said data entity is based on an electronic data card format (col. 3, lines 20-40).

Regarding claim 19 Stadelmann teaches wherein the electronic data card format comprises an electronic business card or an electronic calendar format (col. 3, lines 20-40).

Regarding claim 20 Stadelmann teaches wherein the user equipment communicates transaction information via an interface that is based on at least one of the following: short message service (SMS); wireless application protocol (WAP); internet protocol (IP); a short range radio link; a proximity card type interface; an infrared link (col. 3, lines 20-40).

Regarding claim 21 Stadelmann teaches wherein the user equipment receives the information entity via a first type of interface and returns the information entity via a second type of interface (col. 3, lines 20-40).

Regarding claim 22 Stadelmann teaches wherein the user equipment communicates with a base station of a cellular communication network (col. 2, lines 5-10, mobile network 5).

Regarding claim 23 Stadelmann teaches a user equipment comprising (fig. 1): processing means for insertion transaction information available for the processing means in at least one data field of an information entity that associates with an electronic transaction; and transmitter means for transmitting the information entity from the user equipment to a co-operative device over a wireless interface (col. 3, lines 20-40, col. 2, lines 50-67).

Regarding claim 24 Stadelmann teaches comprising storage means for storing the transaction information, wherein the processing means are adapted to fetch information from said storage means and to insert said information from the storage means into the information entity (col. 3, lines 20-40, col. 2, lines 50-67).

Regarding claim 25 Stadelmann teaches wherein the processing means are adapted to obtain information from at least one other information entity and to insert said information from the at least one other information entity into said information entity that is the subject of the information insertion procedure (col. 3, lines 20-40, col. 2, lines 50-67).

Regarding claim 26 Stadelmann teaches comprising authorization means arranged to authorize said insertion of information.

Regarding claim 27 Stadelmann teaches a transaction system comprising (fig. 1): user equipment adapted to exchange transaction information with another party of a transaction (col. 3, lines 20-40, col. 2, lines 50-67); storage means for storing information (col. 3, lines 20-40, col. 2, lines 50-67); processing means for fetching information from the storage means and for insertion of the information in at least one data field of a data entity associated with said transaction; and communication means for transmitting the data entity from the user equipment to a co-operative device over a wireless interface (col. 3, lines 20-40, col. 2, lines 50-67).

Regarding claim 28 Stadelmann teaches wherein the processing means are provided at the user equipment (col. 3, lines 20-40).

Regarding claim 29 Stadelmann teaches wherein the processing means are provided at the co-operative device (col. 3, lines 20-40).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Stadelmann (6415156) and further in view of Weller et al (20030212642).

6. Regarding claim 17 Stadelmann teaches the purchasing method has a goods or service order transferred directly to the goods or service provider (2) via a customer mobile telephone (1) and the mobile telephone network (5), with purchase data incorporating the payment transferred via a short message service, unstructured supplementary service data, or an E-mail to an operating center (41) connected to a validation platform (42), for debiting the customer and crediting the supplier. Stadelmann does not specifically teach data entity is based on the Electronic Commerce Modelling Language.

In an analogous art, Weller et al teaches data entity is based on the Electronic Commerce Modelling Language (para. # 0044, 0105). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the device of Stadelmann by specifically adding feature Electronic Commerce Modelling Language in order to enhance system performance Improves interoperability between the system users using minimal resources and is easily implemented to verify card holders identity as taught by Weller et al.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Ritter et al (20020187774), Taylor et al (20020025796) and

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Zalewski et al (6771981) teach for authenticating identity of card holder during online transaction through mail, mobile telephone using payment card such as credit card, debit card, stored value card, identification card, smart card.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KHAWAR IQBAL whose telephone number is 703-306-3015.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **BANKS-HAROLD, MARSHA**, can be reached at 703-305-4379.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

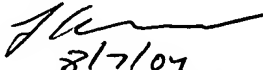
or faxed to:

(703) 872-9314 (for Technology Center 2684 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Khawar Iqbal


8/7/07
LESTER G. KINCAID
PRIMARY EXAMINER